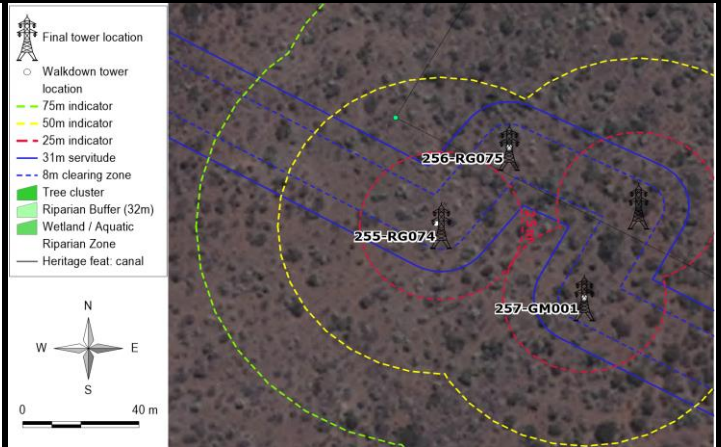


## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b><u>Tower reference:</u></b>	255-RG074	<b><u>Proposed Tower Location</u></b>	23°21'35.281" E
<b><u>Date of assessment:</u></b>	20-Apr-2016	<b><u>(DMS):</u></b>	27°22'53.116" S
<b><u>Farm portion:</u></b>	KURUMAN RESERVE 690/1	<b><u>Final Tower Location (DMS):</u></b>	23°21'35.340" E
<b><u>Land owner:</u></b>	Ga-Segonyana Municipality		27°22'53.145" S
<b><u>Tower structure:</u></b>	7645 - 22m Angle Strain (60°-90°)		

### **Aerial overview & tower footprint:**

Area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude. Bush clearing will be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

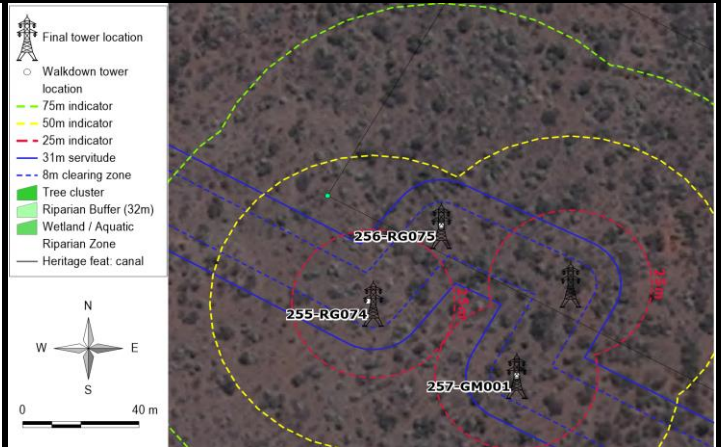
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	256-RG075	<b>Proposed Tower Location (DMS):</b>	23°21'36.096" E
<b>Date of assessment:</b>	20-Apr-2016	<b>(DMS):</b>	27°22'52.291" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1	<b>Final Tower Location (DMS):</b>	23°21'37.535" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°22'52.933" S
<b>Tower structure:</b>	Terminal Gantry-Gamohaan		

### **Aerial overview & tower footprint:**

Area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude. Bush clearing will be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

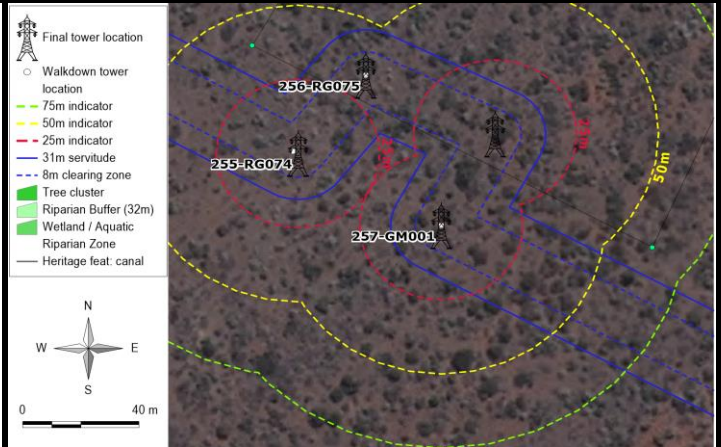
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b><u>Tower reference:</u></b>	257-GM001	<b><u>Proposed Tower Location</u></b>	23°21'36.934" E
<b><u>Date of assessment:</u></b>	21-Apr-2016	<b><u>(DMS):</u></b>	27°22'53.935" S
<b><u>Farm portion:</u></b>	KURUMAN RESERVE 690/1	<b><u>Final Tower Location (DMS):</u></b>	23°21'36.934" E
<b><u>Land owner:</u></b>	Ga-Segonyana Municipality		27°22'53.935" S
<b><u>Tower structure:</u></b>	D7618 Terminal (5°-90°)		

### **Aerial overview & tower footprint:**

Area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude. Bush clearing will be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

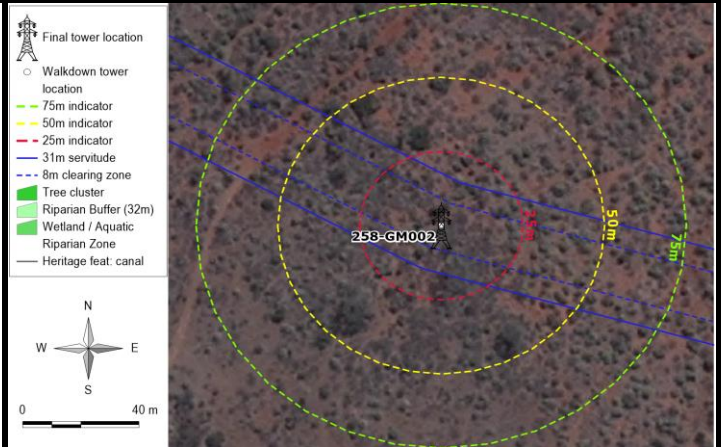
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b><u>Tower reference:</u></b>	258-GM002	<b><u>Proposed Tower Location</u></b>	23°21'43.297" E
<b><u>Date of assessment:</u></b>	21-Apr-2016	<b><u>(DMS):</u></b>	27°22'57.091" S
<b><u>Farm portion:</u></b>	KURUMAN RESERVE 690/1	<b><u>Final Tower Location (DMS):</u></b>	23°21'43.297" E
<b><u>Land owner:</u></b>	Ga-Segonyana Municipality		27°22'57.091" S
<b><u>Tower structure:</u></b>	D7645S Stayed Strain (1°-30°)		

### **Aerial overview & tower footprint:**

Area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude. Bush clearing will be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

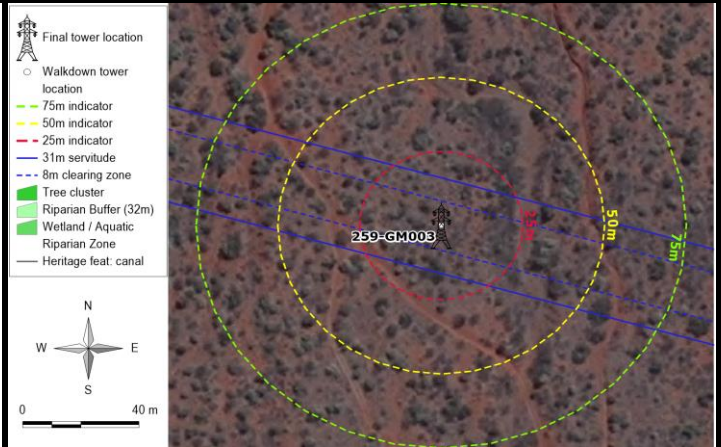
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	259-GM003	<b>Proposed Tower Location (DMS):</b>	23°21'50.537" E 27°22'58.957" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°21'50.537" E 27°22'58.957" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

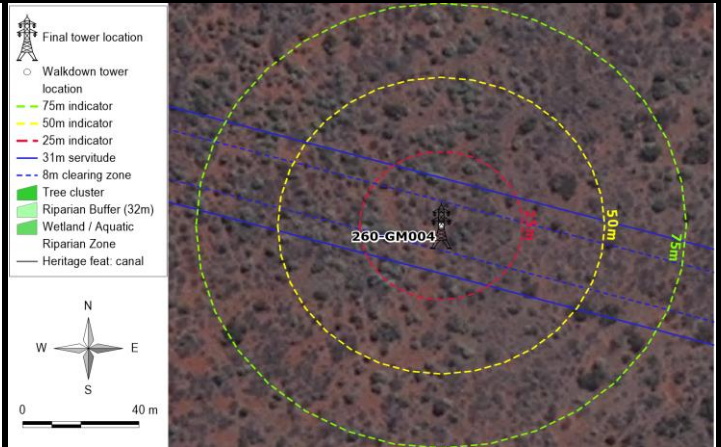
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	260-GM004	<b>Proposed Tower Location (DMS):</b>	23°21'57.442" E 27°23'00.737" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°21'57.442" E 27°23'00.737" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

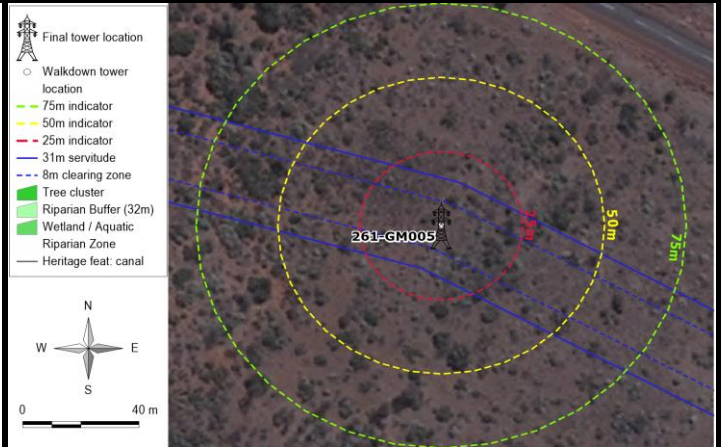
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	261-GM005	<b>Proposed Tower Location (DMS):</b>	23°22'04.418" E 27°23'02.535" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°22'04.418" E 27°23'02.535" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7645S Stayed Strain (1°-30°)		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

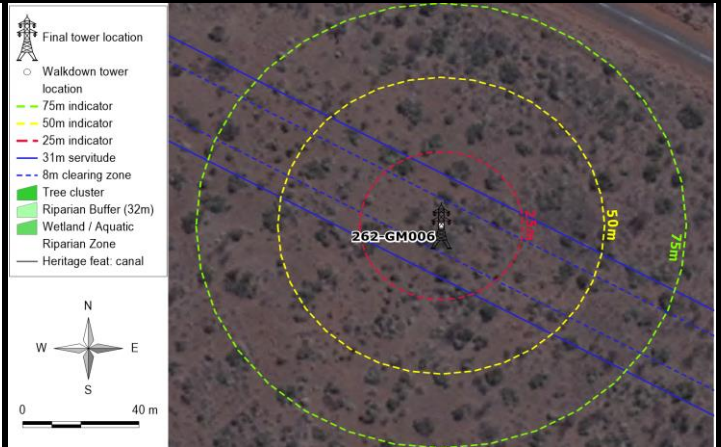
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b><u>Tower reference:</u></b>	262-GM006	<b><u>Proposed Tower Location</u></b>	23°22'11.595" E
<b><u>Date of assessment:</u></b>	21-Apr-2016	<b><u>(DMS):</u></b>	27°23'06.090" S
<b><u>Farm portion:</u></b>	KURUMAN RESERVE 690/1	<b><u>Final Tower Location (DMS):</u></b>	23°22'11.595" E
<b><u>Land owner:</u></b>	Ga-Segonyana Municipality		27°23'06.090" S
<b><u>Tower structure:</u></b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

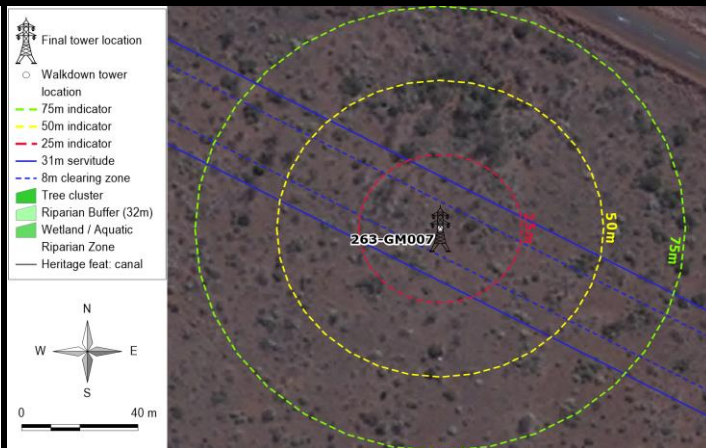


## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	263-GM007	<b>Proposed Tower Location (DMS):</b>	23°22'19.825" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°23'10.166" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1	<b>Final Tower Location (DMS):</b>	23°22'19.825" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°23'10.166" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude. Bush clearing will be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

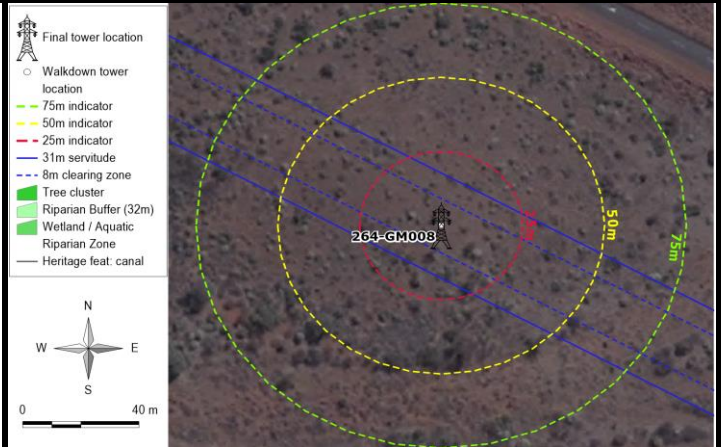
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b><u>Tower reference:</u></b>	264-GM008	<b><u>Proposed Tower Location</u></b>	23°22'28.464" E
<b><u>Date of assessment:</u></b>	21-Apr-2016	<b><u>(DMS):</u></b>	27°23'14.444" S
<b><u>Farm portion:</u></b>	KURUMAN RESERVE 690/1	<b><u>Final Tower Location (DMS):</u></b>	23°22'28.464" E
<b><u>Land owner:</u></b>	Ga-Segonyana Municipality		27°23'14.444" S
<b><u>Tower structure:</u></b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

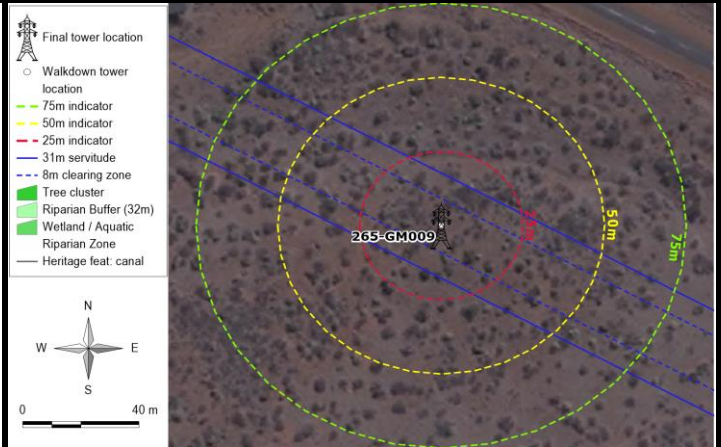
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	265-GM009	<b>Proposed Tower Location</b>	23°22'36.470" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°23'18.408" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1	<b>Final Tower Location (DMS):</b>	23°22'36.469" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°23'18.409" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude. Bush clearing will be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

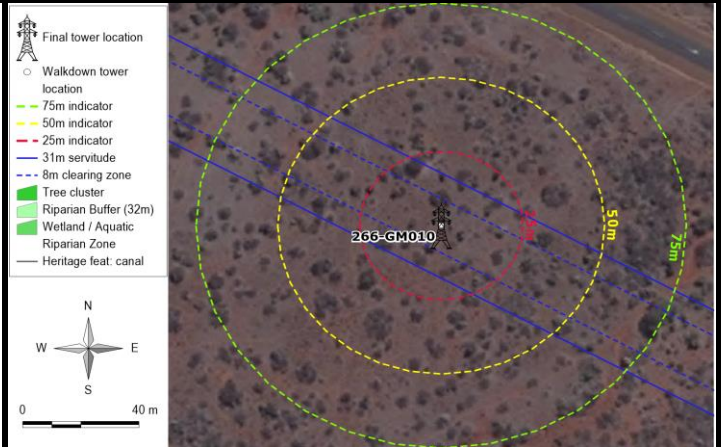
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	266-GM010	<b>Proposed Tower Location (DMS):</b>	23°22'44.468" E 27°23'22.369" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°22'44.468" E 27°23'22.369" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

Slight potential impact on poorly developed drain line. No need to relocate if erosion control mitigation measures implemented.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

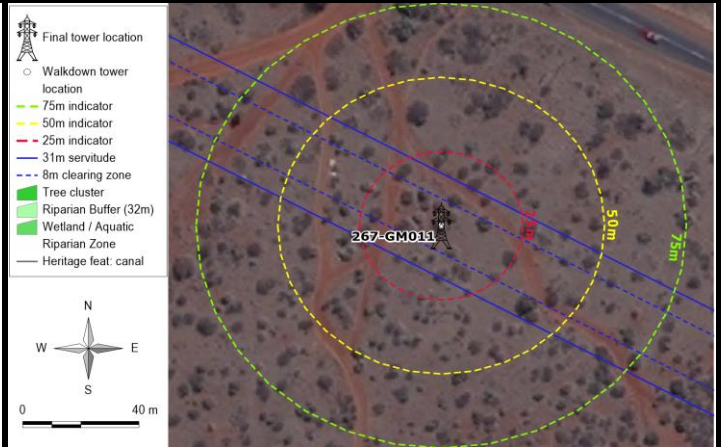
No Need to move tower. Erosion control measures to be implemented

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	267-GM011	<b>Proposed Tower Location (DMS):</b>	23°22'52.134" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°23'26.165" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1	<b>Final Tower Location (DMS):</b>	23°22'52.134" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°23'26.165" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Very open area with moderate groundcover. Moderate size trees located in the area.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

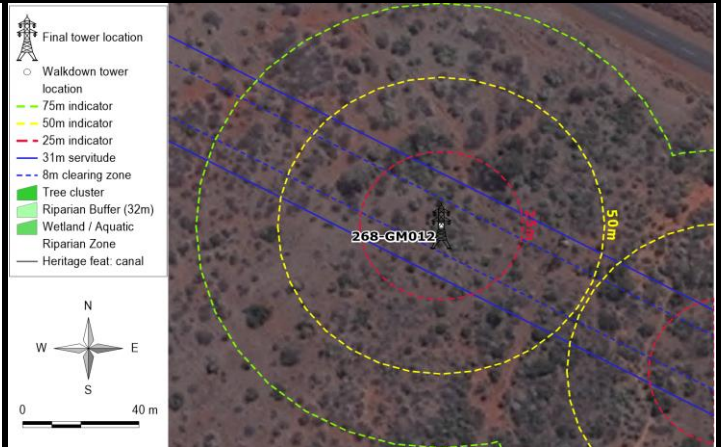
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b><u>Tower reference:</u></b>	268-GM012	<b><u>Proposed Tower Location</u></b>	23°22'57.989" E
<b><u>Date of assessment:</u></b>	21-Apr-2016	<b><u>(DMS):</u></b>	27°23'29.064" S
<b><u>Farm portion:</u></b>	KURUMAN RESERVE 690/1	<b><u>Final Tower Location (DMS):</u></b>	23°22'57.989" E
<b><u>Land owner:</u></b>	Ga-Segonyana Municipality		27°23'29.064" S
<b><u>Tower structure:</u></b>	D7645N Stayed Strain (0°-5°)		

### **Aerial overview & tower footprint:**

Area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude. Bush clearing will be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

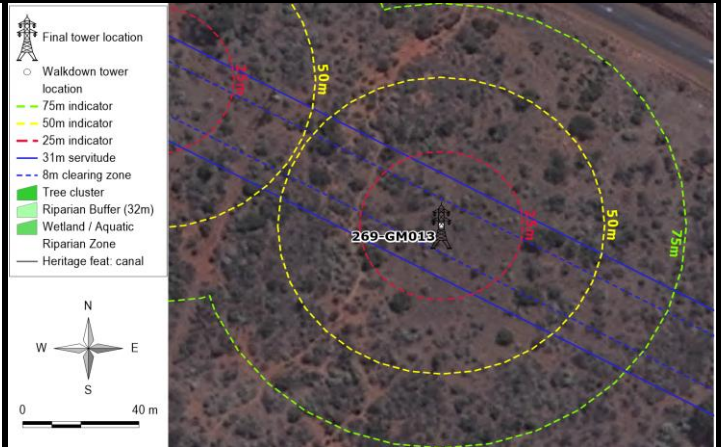
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	269-GM013	<b>Proposed Tower Location</b>	23°23'01.207" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°23'30.658" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1	<b>Final Tower Location (DMS):</b>	23°23'01.207" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°23'30.658" S
<b>Tower structure:</b>	D7645N Stayed Strain (0°-5°)		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

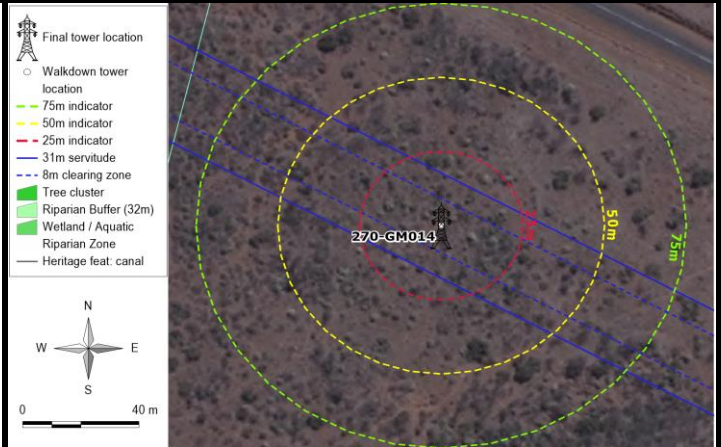
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	270-GM014	<b>Proposed Tower Location (DMS):</b>	23°23'08.954" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°23'34.493" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1	<b>Final Tower Location (DMS):</b>	23°23'08.954" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°23'34.493" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

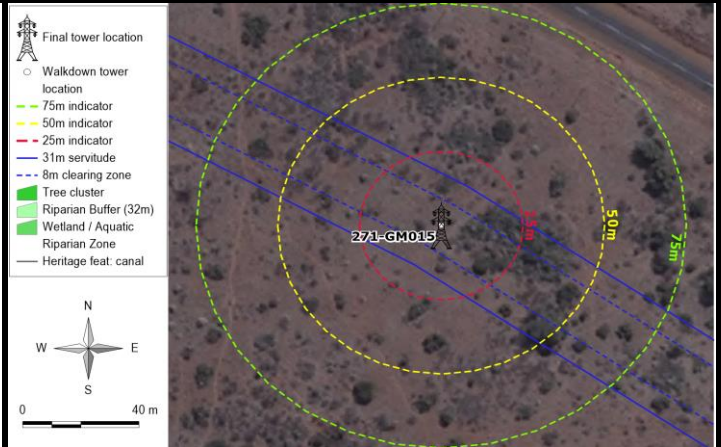


## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	271-GM015	<b>Proposed Tower Location (DMS):</b>	23°23'15.650" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°23'37.808" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1	<b>Final Tower Location (DMS):</b>	23°23'15.650" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°23'37.808" S
<b>Tower structure:</b>	D7645S Stayed Strain (1°-30°)		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

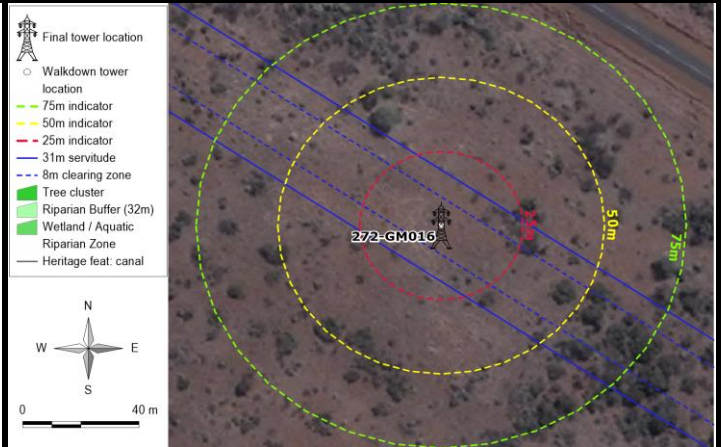
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	272-GM016	<b>Proposed Tower Location (DMS):</b>	23°23'22.045" E 27°23'41.734" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°23'22.045" E 27°23'41.734" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### Aerial overview & tower footprint:

Rocky open area with moderate groundcover evident in the area. Large protected trees located in servitude.



Tower footprint view 1



Tower footprint view 2

### Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### Conclusion and recommendation:

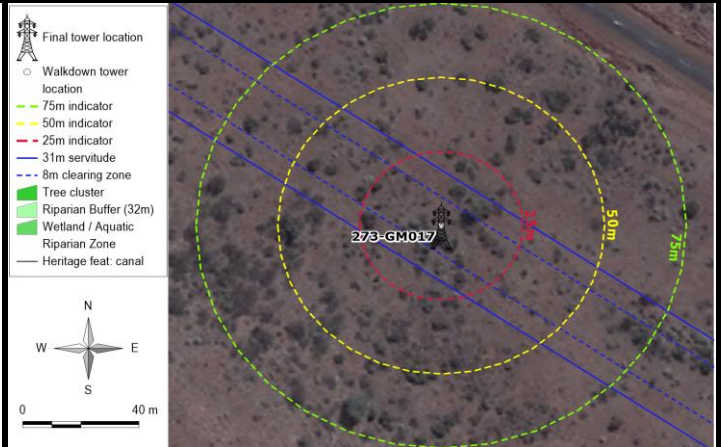
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	273-GM017	<b>Proposed Tower Location (DMS):</b>	23°23'29.784" E 27°23'46.485" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°23'29.784" E 27°23'46.484" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Rocky area with moderate groundcover. Large protected tree located at the tower location position. Relevant permits will be obtained prior to tree removal or pruning.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

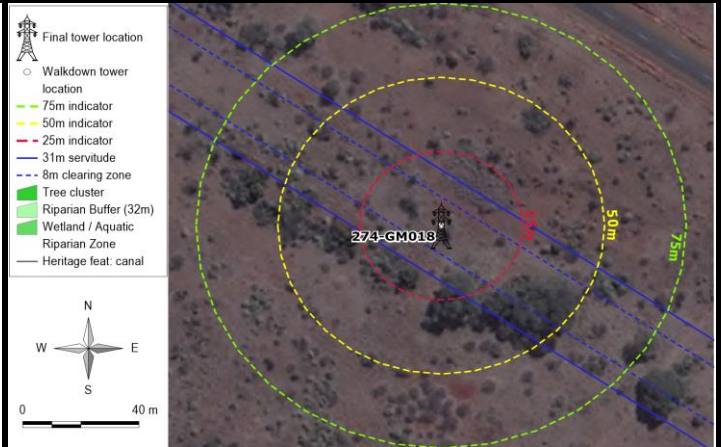
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	274-GM018	<b>Proposed Tower Location (DMS):</b>	23°23'37.530" E 27°23'51.239" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°23'37.530" E 27°23'51.239" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Rocky open area with moderate groundcover evident in the area. Large protected trees located in servitude. Relevant permits will be obtained prior to tree removal or pruning.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

Prominent aggregation of large *Acacia erioloba* trees occur close to the footprint area or within the servitude area. Recommend moving tower to avoid the identified tree cluster.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

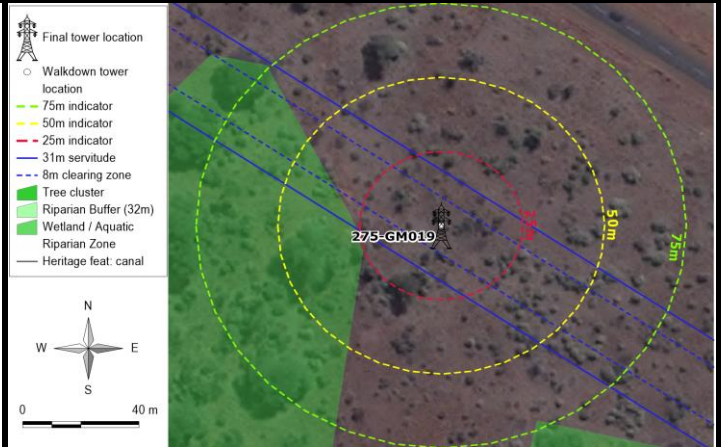
Move approx. 20 m north east. Will require change in servitude alignment and additional strain towers. Power line will be closer than 95 m from road.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	275-GM019	<b>Proposed Tower Location (DMS):</b>	23°23'45.265" E 27°23'55.986" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°23'45.265" E 27°23'55.986" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Rocky open area with moderate groundcover evident in the area. Large protected trees located in servitude and close to footprint. Relevant permits will be obtained prior to tree removal or pruning.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

Prominent aggregation of large *Acacia erioloba* trees occur close to the footprint area or within the servitude area. Recommend moving tower to avoid the identified tree cluster.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

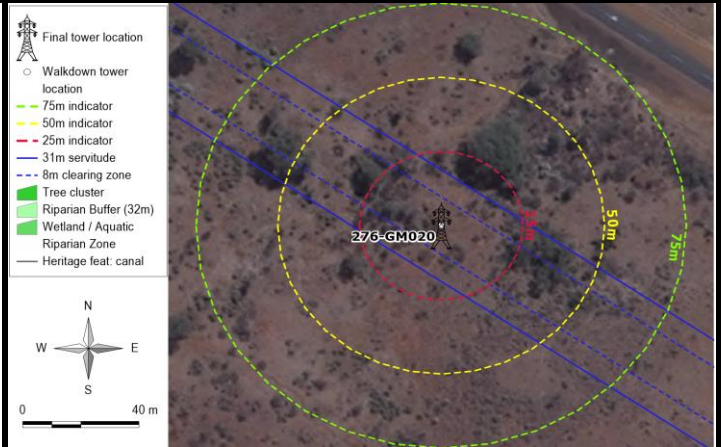
Move approx. 20 m north east. Will require change in servitude alignment and additional strain towers. Power line will be closer than 95 m from road.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	276-GM020	<b>Proposed Tower Location (DMS):</b>	23°23'54.196" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'01.468" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1	<b>Final Tower Location (DMS):</b>	23°23'54.197" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°24'01.468" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude. Large protected trees located in servitude. Bush clearing will be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

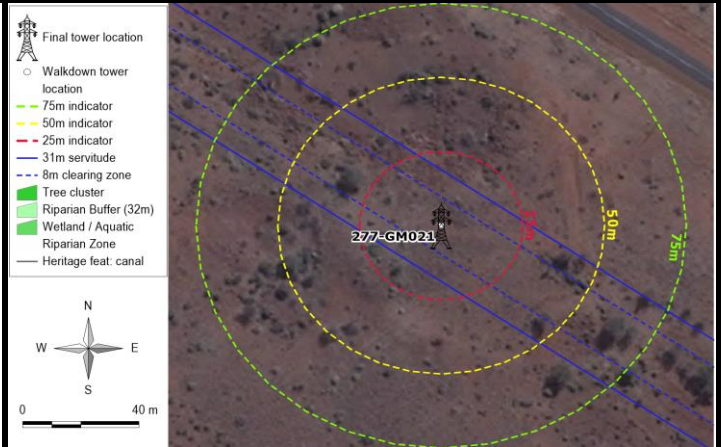
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b><u>Tower reference:</u></b>	277-GM021	<b><u>Proposed Tower Location</u></b>	23°24'01.371" E
<b><u>Date of assessment:</u></b>	21-Apr-2016	<b><u>(DMS):</u></b>	27°24'05.871" S
<b><u>Farm portion:</u></b>	KURUMAN RESERVE 690/1	<b><u>Final Tower Location (DMS):</u></b>	23°24'01.370" E
<b><u>Land owner:</u></b>	Ga-Segonyana Municipality		27°24'05.871" S
<b><u>Tower structure:</u></b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude. Large protected trees located in servitude. Bush clearing will be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

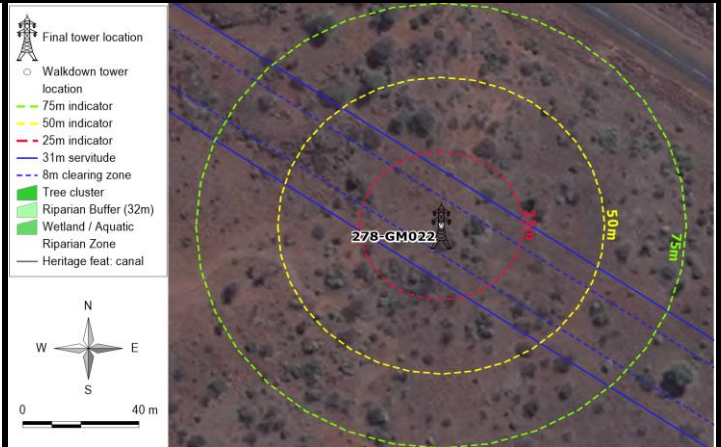
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	278-GM022	<b>Proposed Tower Location (DMS):</b>	23°24'09.558" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'10.895" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1	<b>Final Tower Location (DMS):</b>	23°24'09.558" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°24'10.895" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

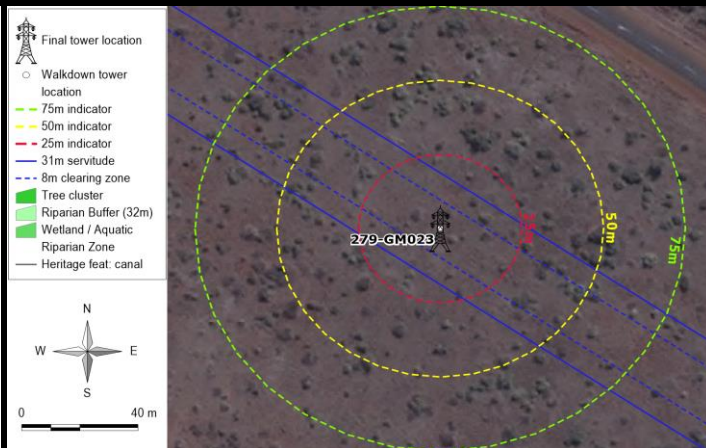


## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	279-GM023	<b>Proposed Tower Location (DMS):</b>	23°24'17.654" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'15.863" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1	<b>Final Tower Location (DMS):</b>	23°24'17.654" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°24'15.864" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

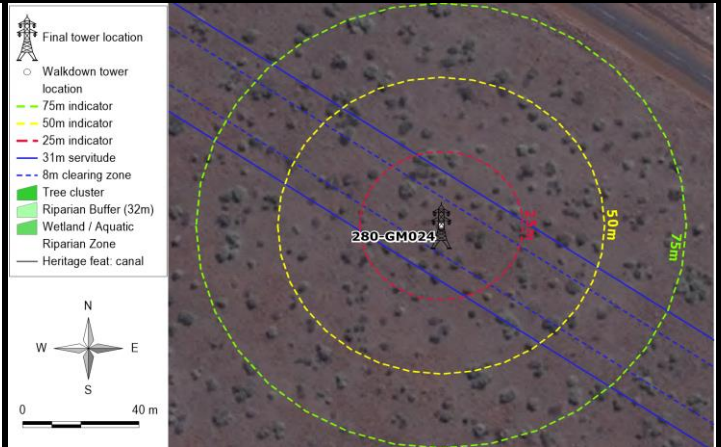
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	280-GM024	<b>Proposed Tower Location (DMS):</b>	23°24'25.129" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'20.450" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1	<b>Final Tower Location (DMS):</b>	23°24'25.129" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°24'20.450" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude. Bush clearing will be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

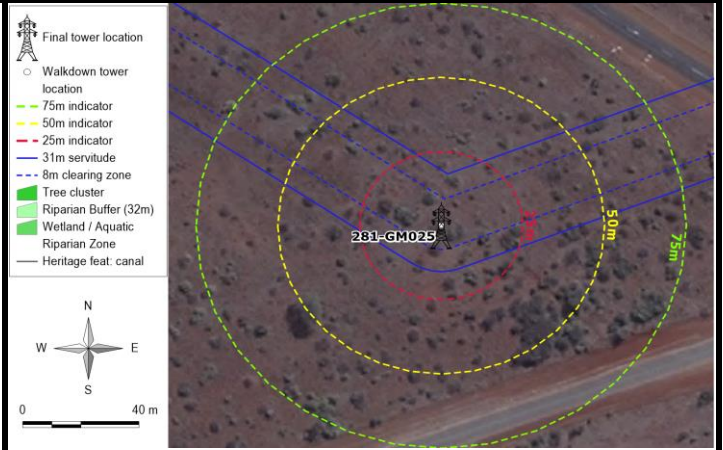
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	281-GM025	<b>Proposed Tower Location (DMS):</b>	23°24'33.565" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'25.627" S
<b>Farm portion:</b>	KURUMAN RESERVE 690/1	<b>Final Tower Location (DMS):</b>	23°24'33.565" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°24'25.627" S
<b>Tower structure:</b>	D7645M Stayed Strain (30°-60°)		

### **Aerial overview & tower footprint:**

Area with bush and moderate groundcover evident in the area. Moderate size trees located in servitude. Bush clearing will be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

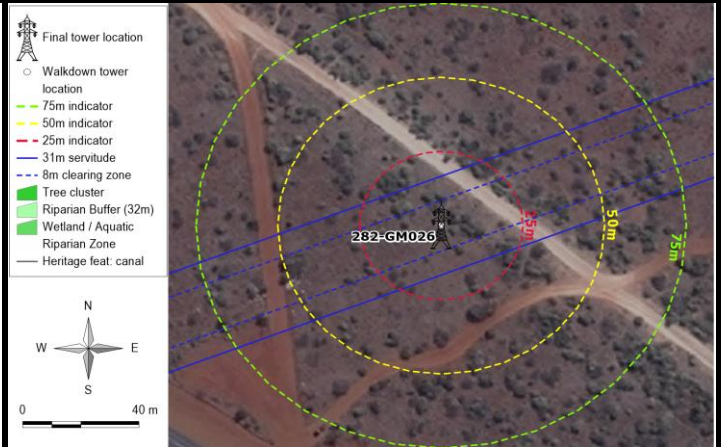
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	282-GM026	<b>Proposed Tower Location (DMS):</b>	23°24'41.484" E 27°24'22.843" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°24'41.484" E 27°24'22.843" S
<b>Farm portion:</b>	KURUMAN 690/0		
<b>Land owner:</b>	Kgosi K.E. Jantjie		
<b>Tower structure:</b>	D7645N Stayed Strain (0°-5°)		

### **Aerial overview & tower footprint:**

Footprint located in completely transformed area.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

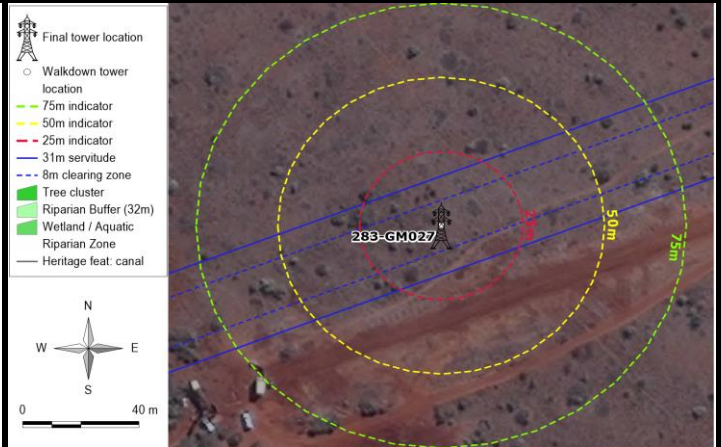
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	283-GM027	<b>Proposed Tower Location (DMS):</b>	23°24'50.334" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'19.732" S
<b>Farm portion:</b>	KURUMAN 690/0	<b>Final Tower Location (DMS):</b>	23°24'50.334" E
<b>Land owner:</b>	Kgosi K.E. Jantjie		27°24'19.732" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Bush clearing may be required. Gravel road located within 25m of the tower footprint.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

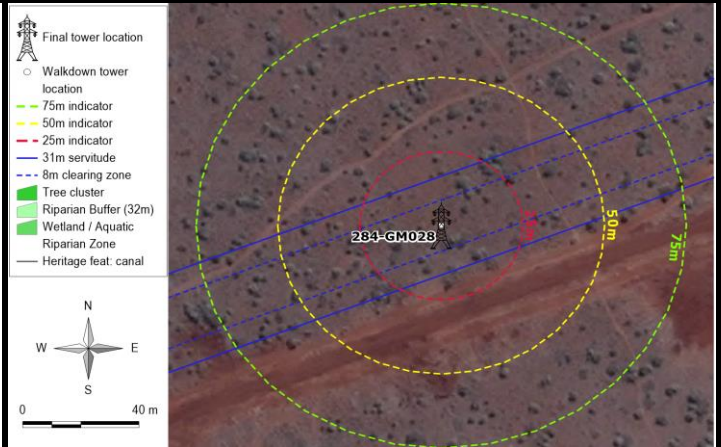
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	284-GM028	<b>Proposed Tower Location (DMS):</b>	23°24'58.671" E 27°24'16.802" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°24'58.671" E 27°24'16.801" S
<b>Farm portion:</b>	KURUMAN 690/0		
<b>Land owner:</b>	Kgosi K.E. Jantjie		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Bush clearing may be required. Gravel road located within 25m of the tower footprint.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

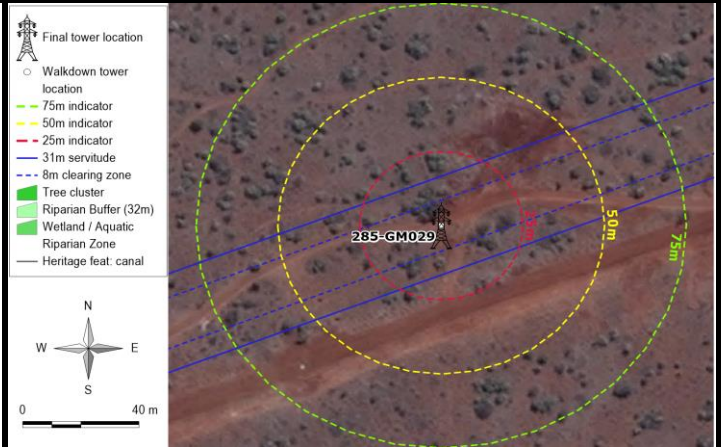
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	285-GM029	<b>Proposed Tower Location (DMS):</b>	23°25'06.067" E 27°24'14.201" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°25'06.067" E 27°24'14.201" S
<b>Farm portion:</b>	KURUMAN 690/0		
<b>Land owner:</b>	Kgosi K.E. Jantjie		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Bush clearing may be required. Gravel road located within 25m of the tower footprint.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

Tower is a monopole suspension tower close to the gravel road and instead of placing a second structure in the profile, it was agreed to slightly deviate the gravel road as this is more cost effective and simple to implement

### **Conclusion and recommendation:**

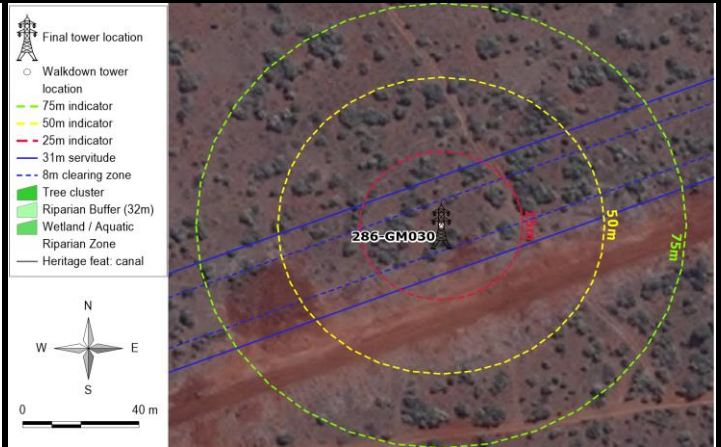
No tower relocation required.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	286-GM030	<b>Proposed Tower Location</b>	23°25'14.066" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'11.389" S
<b>Farm portion:</b>	KURUMAN 690/0	<b>Final Tower Location (DMS):</b>	23°25'14.066" E
<b>Land owner:</b>	Kgosi K.E. Jantjie		27°24'11.389" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Bush clearing may be required. Gravel road located within 25m of the tower footprint.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

Small, informal cemetery (HK7) with approximately 15 graves identified 45m east of proposed tower position. Recommend 20m No-Go buffer.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

Access road or 2 track path must be established outside the 20m buffer around the graves.

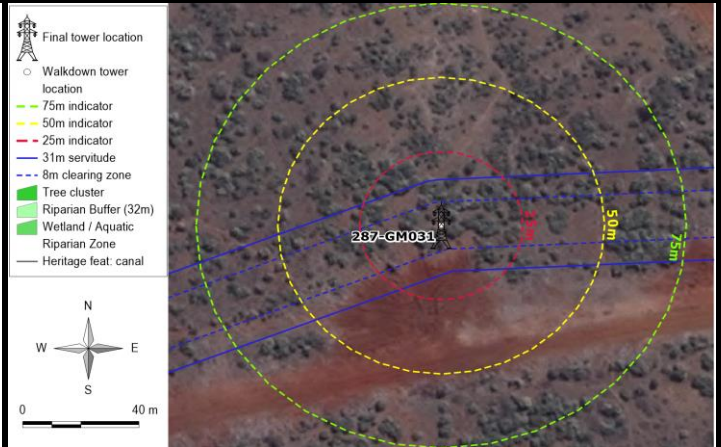


## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	287-GM031	<b>Proposed Tower Location</b>	23°25'22.246" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'08.513" S
<b>Farm portion:</b>	KURUMAN 690/0	<b>Final Tower Location (DMS):</b>	23°25'22.246" E
<b>Land owner:</b>	Kgosi K.E. Jantjie		27°24'08.513" S
<b>Tower structure:</b>	D7645S Stayed Strain (1°-30°)		

### **Aerial overview & tower footprint:**

Bushy area and moderate groundcover evident in the area. Bush clearing will be required. Gravel road located within 25m of the tower footprint.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

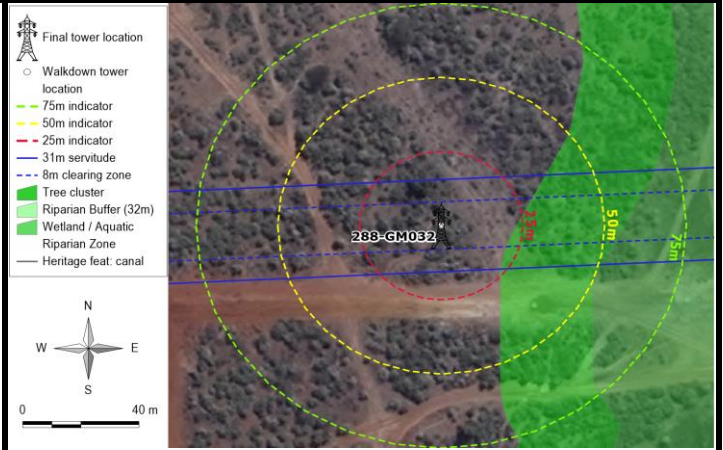
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	288-GM032	<b>Proposed Tower Location</b>	23°25'31.068" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'08.131" S
<b>Farm portion:</b>	KURUMAN 690/0	<b>Final Tower Location (DMS):</b>	23°25'31.068" E
<b>Land owner:</b>	Kgosi K.E. Jantjie		27°24'08.130" S
<b>Tower structure:</b>	D7645S Stayed Strain (1°-30°)		

### **Aerial overview & tower footprint:**

Bushy area and moderate groundcover evident in the area. Bush clearing will be required. Gravel road located within 25m of the tower footprint. Powerline cross the river to next tower location.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

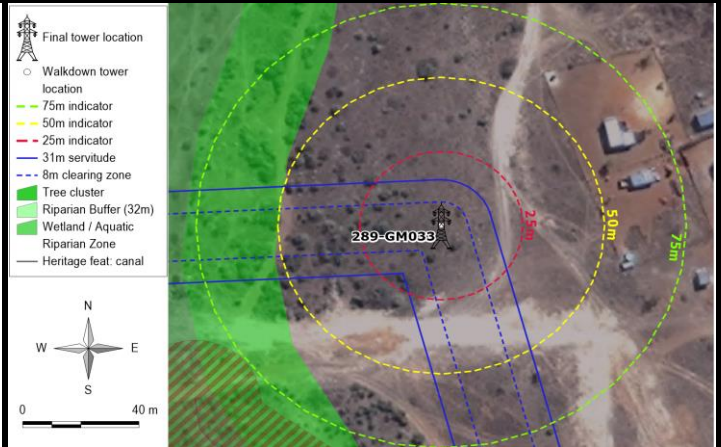
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	289-GM033	<b>Proposed Tower Location (DMS):</b>	23°25'41.966" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'07.658" S
<b>Farm portion:</b>	KURUMAN 690/0	<b>Final Tower Location (DMS):</b>	23°25'41.966" E
<b>Land owner:</b>	Kgosi K.E. Jantjie		27°24'07.658" S
<b>Tower structure:</b>	D7645L Stayed Strain (60°-90°)		

### Aerial overview & tower footprint:

Bushy area and moderate groundcover evident in the area. Bush clearing will be required. Gravel road located within 25m of the tower footprint.



Tower footprint view 1



Tower footprint view 2

### Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### Conclusion and recommendation:

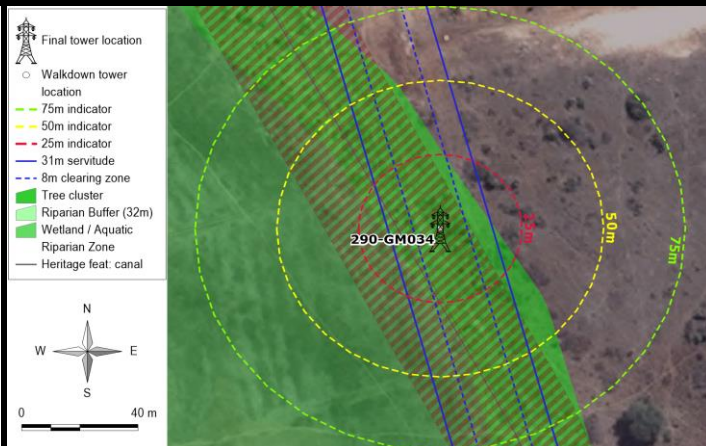
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	290-GM034	<b>Proposed Tower Location</b>	23°25'44.184" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'14.989" S
<b>Farm portion:</b>	KURUMAN 690/0	<b>Final Tower Location (DMS):</b>	23°25'44.184" E
<b>Land owner:</b>	Kgosi K.E. Jantjie		27°24'14.989" S
<b>Tower structure:</b>	D7649 Suspension		

### Aerial overview & tower footprint:

Bushy area and moderate groundcover evident in the area. Bush clearing will be required. Tower location next to river.



Tower footprint view 1



Tower footprint view 2

### Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

Heritage feature (HK8) (unused canal and irrigation system) identified 20m south of proposed tower position. Recommend 20m No-Go buffer.

No technical constraints identified at or close to proposed tower location.

### Conclusion and recommendation:

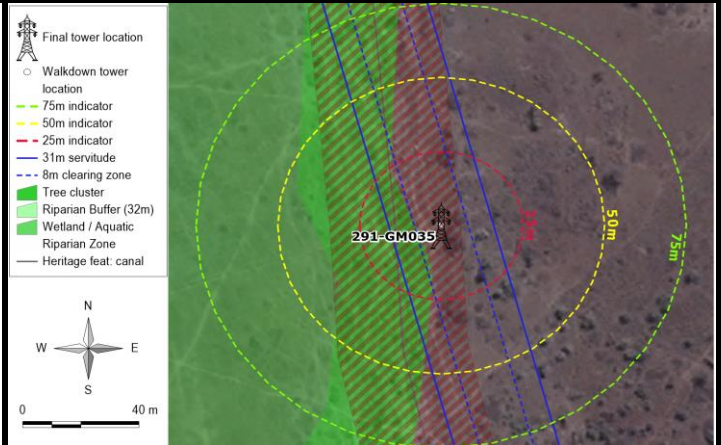
Move tower approximately 15 m east to outside 20 m buffer.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	291-GM035	<b>Proposed Tower Location</b>	23°25'46.590" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'22.936" S
<b>Farm portion:</b>	KURUMAN 690/0	<b>Final Tower Location (DMS):</b>	23°25'46.590" E
<b>Land owner:</b>	Kgosi K.E. Jantjie		27°24'22.936" S
<b>Tower structure:</b>	D7649 Suspension		

### Aerial overview & tower footprint:

Bushy area and moderate groundcover evident in the area. Bush clearing will be required. Tower location next to river.



Tower footprint view 1



Tower footprint view 2

### Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

Heritage feature (HK8) (unused canal and irrigation system) identified 20m south of proposed tower position. Recommend 20m No-Go buffer.

No technical constraints identified at or close to proposed tower location.

### Conclusion and recommendation:

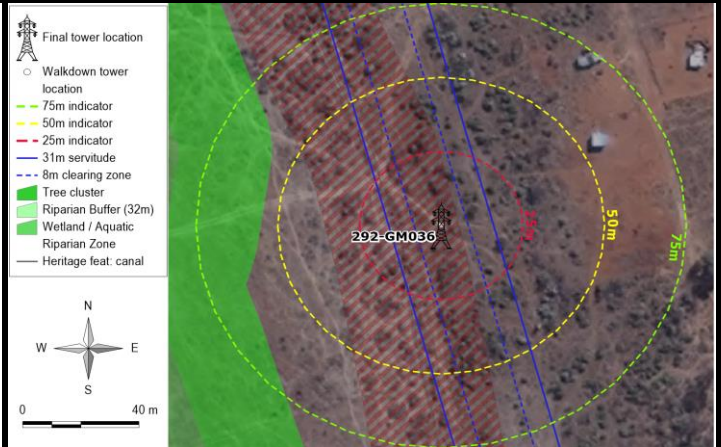
Move tower approximately 10 m east to outside 20 m buffer.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	292-GM036	<b>Proposed Tower Location (DMS):</b>	23°25'48.676" E 27°24'29.828" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°25'48.676" E 27°24'29.828" S
<b>Farm portion:</b>	KURUMAN 690/0		
<b>Land owner:</b>	Kgosi K.E. Jantjie		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Bush clearing may be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

Heritage feature (HK8) (unused canal and irrigation system) identified 20m south of proposed tower position. Recommend 20m No-Go buffer.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

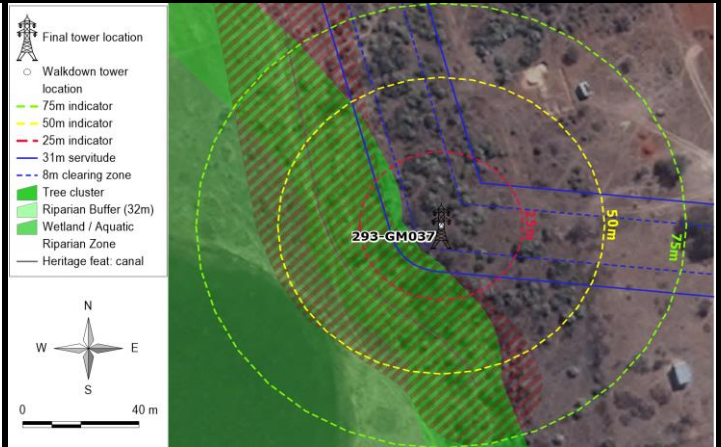
Move tower approximately 10 m east to outside 20 m buffer.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	293-GM037	<b>Proposed Tower Location (DMS):</b>	23°25'50.941" E 27°24'37.310" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°25'50.941" E 27°24'37.310" S
<b>Farm portion:</b>	KURUMAN 690/0		
<b>Land owner:</b>	Kgosi K.E. Jantjie		
<b>Tower structure:</b>	D7645L Stayed Strain (60°-90°)		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Bush clearing may be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

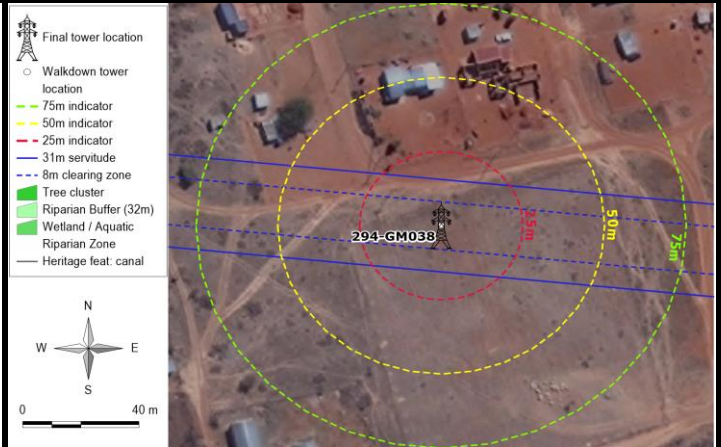
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	294-GM038	<b>Proposed Tower Location</b>	23°26'00.084" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'38.131" S
<b>Farm portion:</b>	KURUMAN 690/0	<b>Final Tower Location (DMS):</b>	23°26'00.084" E
<b>Land owner:</b>	Kgosi K.E. Jantjie		27°24'38.131" S
<b>Tower structure:</b>	D7649 Suspension		

### Aerial overview & tower footprint:

Footprint located in open transformed area. No environmental sensitivities evident.



Tower footprint view 1



Tower footprint view 2

### Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### Conclusion and recommendation:

No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

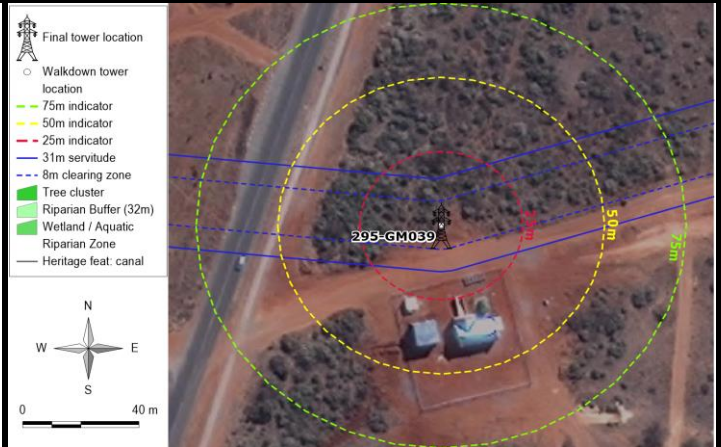


## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	295-GM039	<b>Proposed Tower Location (DMS):</b>	23°26'06.764" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'38.731" S
<b>Farm portion:</b>	KURUMAN 690/0	<b>Final Tower Location (DMS):</b>	23°26'06.764" E
<b>Land owner:</b>	Kgosi K.E. Jantjie		27°24'38.731" S
<b>Tower structure:</b>	248B Angle Strain (0°-40°)		

### Aerial overview & tower footprint:

Bushy area and moderate groundcover evident in the area. Bush clearing will be required.



Tower footprint view 1



Tower footprint view 2

### Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

Tower is a bend and has a number of stays of which one falls on to the road adjacent to the Pump Station. Hence it was agreed to replace this structure with a self-supporting lattice strain tower as it occupies a smaller footprint.

### Conclusion and recommendation:

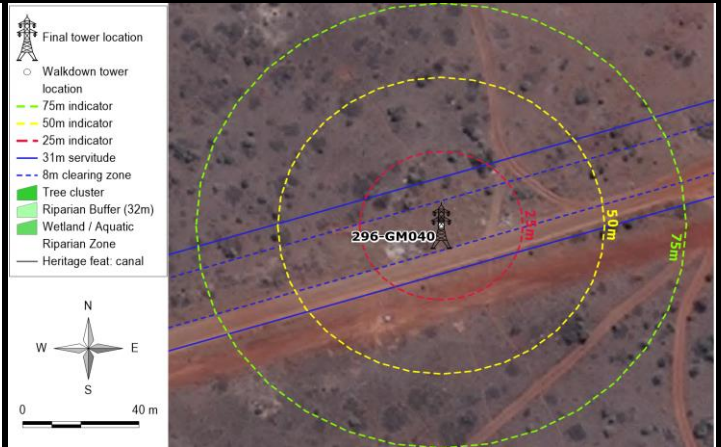
No tower relocation required.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b><u>Tower reference:</u></b>	296-GM040	<b><u>Proposed Tower Location</u></b>	23°26'14.905" E
<b><u>Date of assessment:</u></b>	21-Apr-2016	<b><u>(DMS):</u></b>	27°24'36.465" S
<b><u>Farm portion:</u></b>	KURUMAN 690/0	<b><u>Final Tower Location (DMS):</u></b>	23°26'14.905" E
<b><u>Land owner:</u></b>	Kgosi K.E. Jantjie		27°24'36.465" S
<b><u>Tower structure:</u></b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with bush and moderate groundcover evident in the area. Bush clearing may be required.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

Tower can be replaced with a suspension tower and does not require any stays.

### **Conclusion and recommendation:**

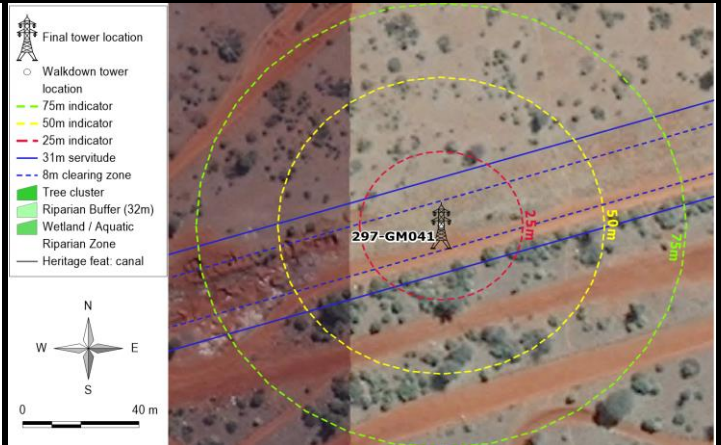
No tower relocation required.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	297-GM041	<b>Proposed Tower Location (DMS):</b>	23°26'24.747" E 27°24'33.726" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°26'24.747" E 27°24'33.725" S
<b>Farm portion:</b>	KURUMAN 690/0		
<b>Land owner:</b>	Kgosi K.E. Jantjie		
<b>Tower structure:</b>	D7649 Suspension		

### Aerial overview & tower footprint:

Open transformed area with considerable littering evident in the area.



Tower footprint view 1



Tower footprint view 2

### Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### Conclusion and recommendation:

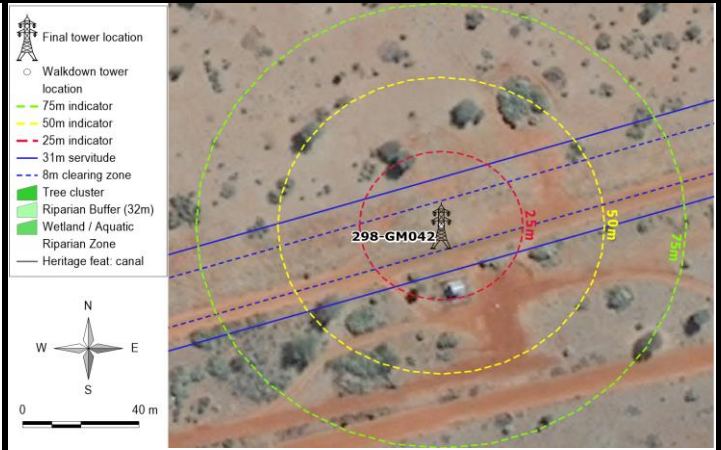
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	298-GM042	<b>Proposed Tower Location (DMS):</b>	23°26'33.521" E 27°24'31.283" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°26'33.521" E 27°24'31.283" S
<b>Farm portion:</b>	KURUMAN 690/0		
<b>Land owner:</b>	Kgosi K.E. Jantjie		
<b>Tower structure:</b>	D7649 Suspension		

### Aerial overview & tower footprint:

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### Conclusion and recommendation:

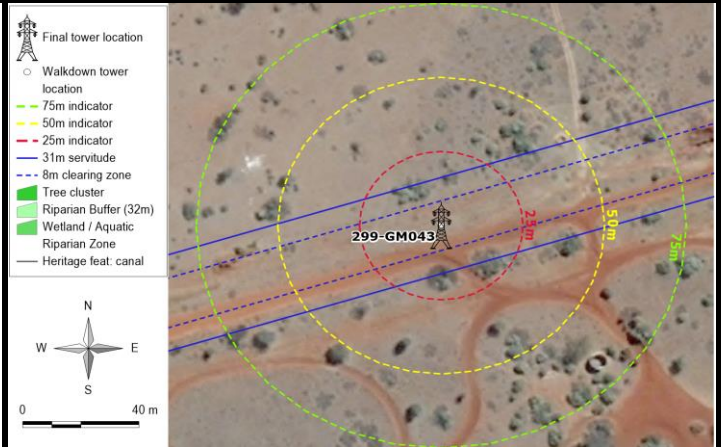
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	299-GM043	<b>Proposed Tower Location (DMS):</b>	23°26'41.776" E 27°24'28.985" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°26'41.776" E 27°24'28.985" S
<b>Farm portion:</b>	KURUMAN 690/0		
<b>Land owner:</b>	Kgosi K.E. Jantjie		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

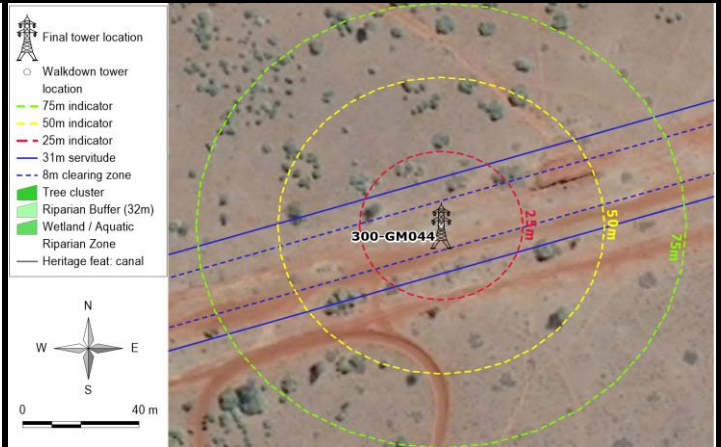
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	300-GM044	<b>Proposed Tower Location (DMS):</b>	23°26'50.338" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'26.601" S
<b>Farm portion:</b>	KURUMAN 690/0	<b>Final Tower Location (DMS):</b>	23°26'50.338" E
<b>Land owner:</b>	Kgosi K.E. Jantjie		27°24'26.601" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

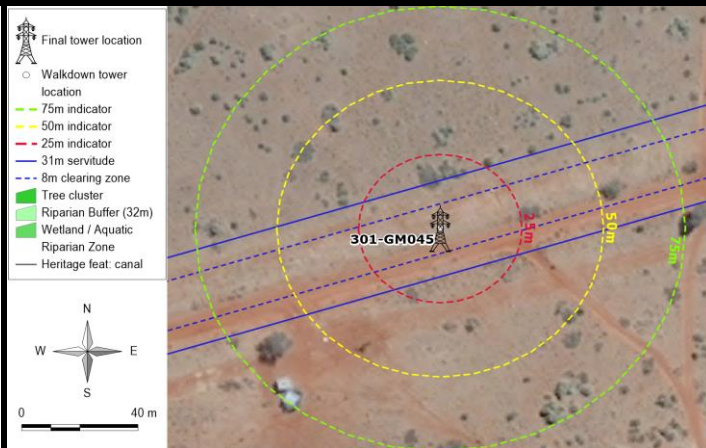
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	301-GM045	<b>Proposed Tower Location (DMS):</b>	23°26'58.903" E 27°24'24.216" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°26'58.903" E 27°24'24.216" S
<b>Farm portion:</b>	KURUMAN 690/3		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### Aerial overview & tower footprint:

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### Conclusion and recommendation:

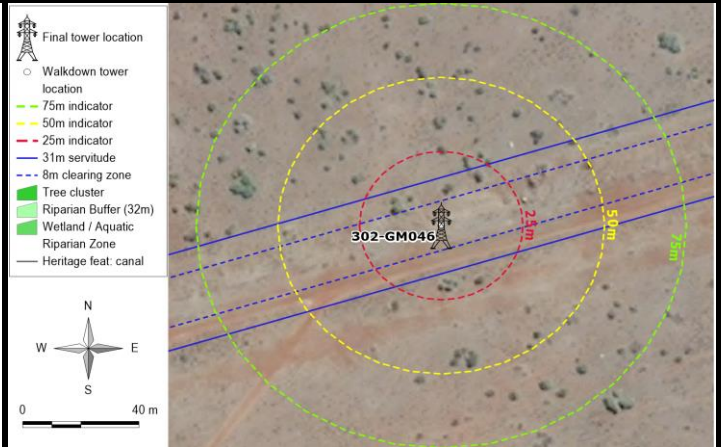
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	302-GM046	<b>Proposed Tower Location (DMS):</b>	23°27'07.062" E 27°24'21.944" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°27'07.062" E 27°24'21.944" S
<b>Farm portion:</b>	KURUMAN 690/3		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

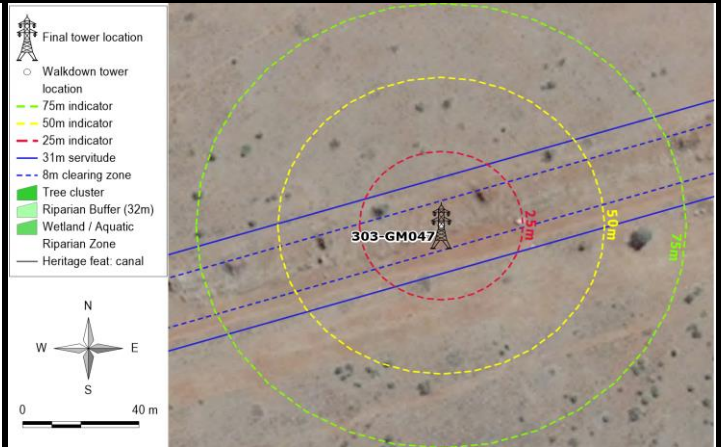


## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	303-GM047	<b>Proposed Tower Location (DMS):</b>	23°27'15.540" E 27°24'19.583" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°27'15.540" E 27°24'19.583" S
<b>Farm portion:</b>	KURUMAN 690/3		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

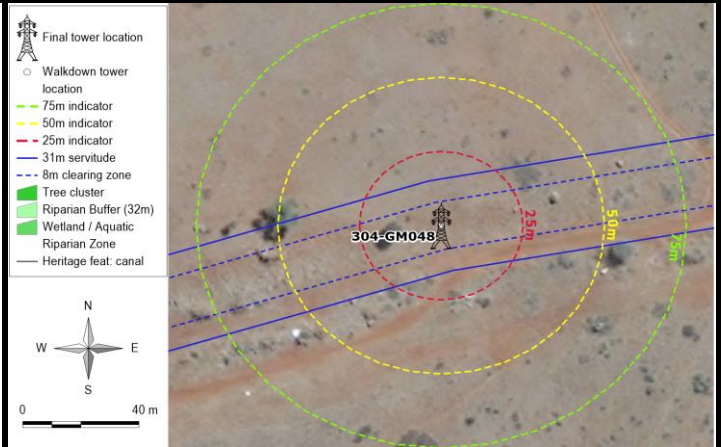
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	304-GM048	<b>Proposed Tower Location</b>	23°27'24.682" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'17.037" S
<b>Farm portion:</b>	KURUMAN 690/3	<b>Final Tower Location (DMS):</b>	23°27'24.682" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°24'17.037" S
<b>Tower structure:</b>	D7645S Stayed Strain (1°-30°)		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

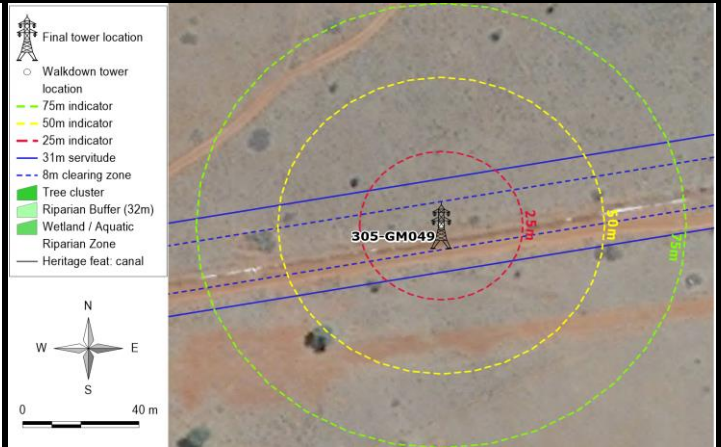
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	305-GM049	<b>Proposed Tower Location</b>	23°27'33.856" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'15.573" S
<b>Farm portion:</b>	KURUMAN 690/3	<b>Final Tower Location (DMS):</b>	23°27'33.856" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°24'15.572" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

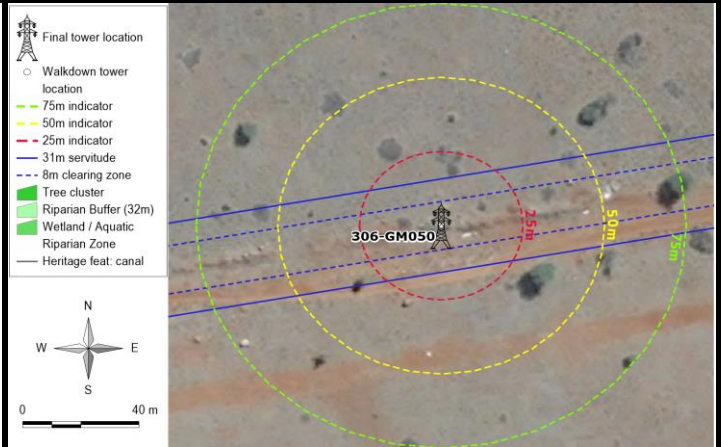
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	306-GM050	<b>Proposed Tower Location (DMS):</b>	23°27'41.833" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'14.299" S
<b>Farm portion:</b>	KURUMAN 690/3	<b>Final Tower Location (DMS):</b>	23°27'41.833" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°24'14.299" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

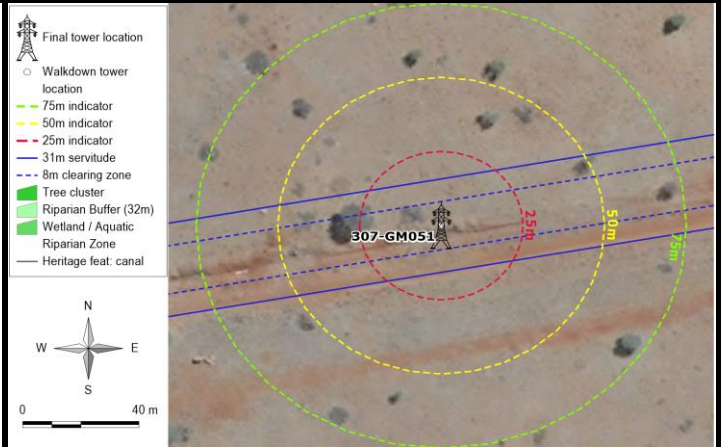
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	307-GM051	<b>Proposed Tower Location (DMS):</b>	23°27'50.724" E 27°24'12.879" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°27'50.724" E 27°24'12.879" S
<b>Farm portion:</b>	KURUMAN 690/3		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

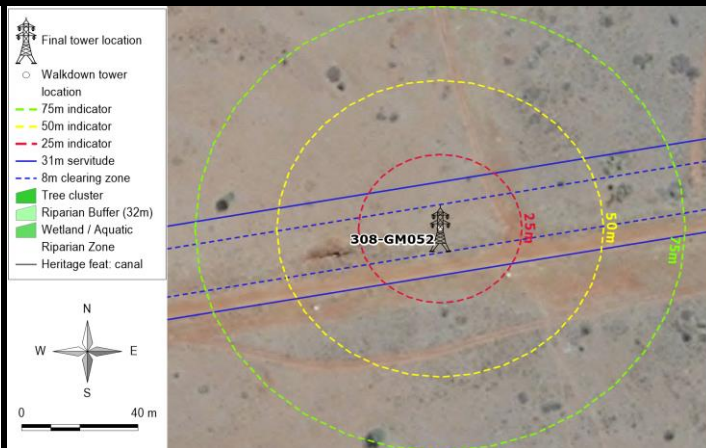
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	308-GM052	<b>Proposed Tower Location (DMS):</b>	23°28'00.358" E 27°24'11.341" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°28'00.358" E 27°24'11.341" S
<b>Farm portion:</b>	KURUMAN 690/3		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

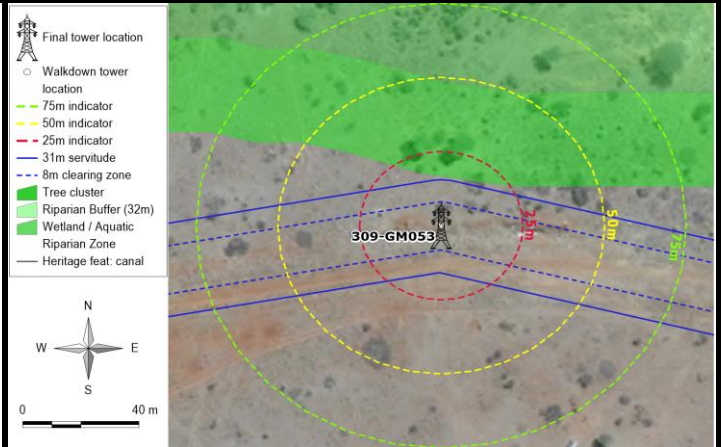
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b><u>Tower reference:</u></b>	309-GM053	<b><u>Proposed Tower Location</u></b>	23°28'10.041" E
<b><u>Date of assessment:</u></b>	21-Apr-2016	<b><u>(DMS):</u></b>	27°24'09.794" S
<b><u>Farm portion:</u></b>	KURUMAN 690/3	<b><u>Final Tower Location (DMS):</u></b>	23°28'10.041" E
<b><u>Land owner:</u></b>	Ga-Segonyana Municipality		27°24'09.794" S
<b><u>Tower structure:</u></b>	D7645S Stayed Strain (1°-30°)		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

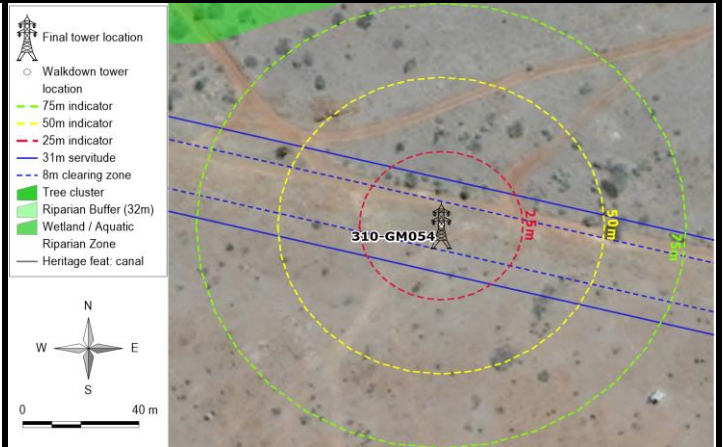
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	310-GM054	<b>Proposed Tower Location (DMS):</b>	23°28'17.115" E 27°24'11.371" S
<b>Date of assessment:</b>	21-Apr-2016	<b>Final Tower Location (DMS):</b>	23°28'17.115" E 27°24'11.371" S
<b>Farm portion:</b>	KURUMAN 690/3		
<b>Land owner:</b>	Ga-Segonyana Municipality		
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

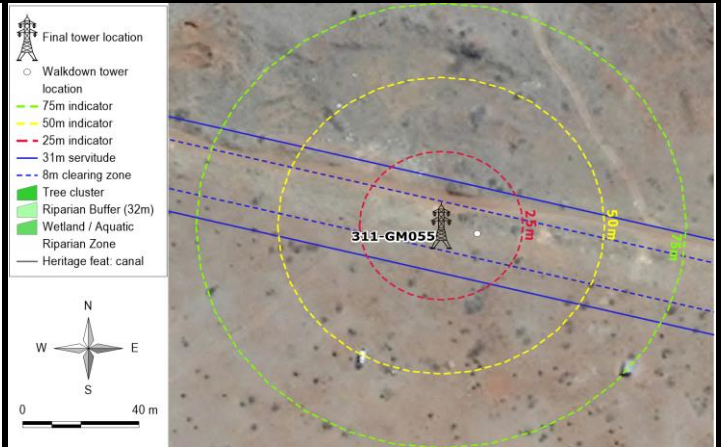


## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	311-GM055	<b>Proposed Tower Location</b>	23°28'24.183" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'12.946" S
<b>Farm portion:</b>	KURUMAN 690/3	<b>Final Tower Location (DMS):</b>	23°28'23.783" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°24'12.857" S
<b>Tower structure:</b>	D7649 Suspension		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

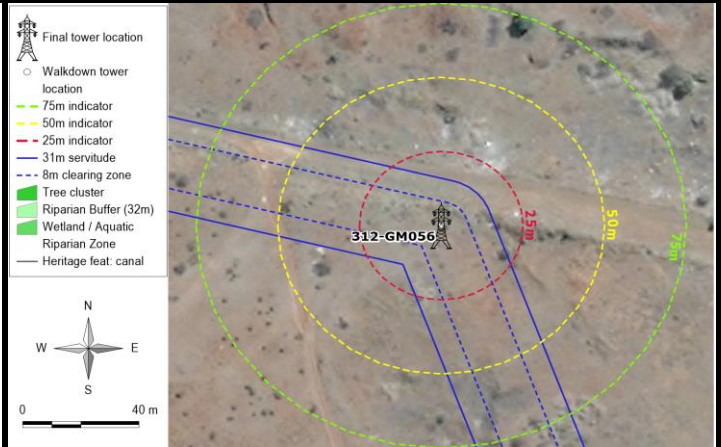
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	312-GM056	<b>Proposed Tower Location (DMS):</b>	23°28'30.780" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'14.416" S
<b>Farm portion:</b>	KURUMAN 690/3	<b>Final Tower Location (DMS):</b>	23°28'30.780" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°24'14.416" S
<b>Tower structure:</b>	248C Angle Strain (40°-90°)		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

Tower is a bend and also has stays which lie very close/on top of a buried pipeline. It was agreed that this tower will be replaced with a self-supporting lattice strain tower to occupy a smaller footprint.

### **Conclusion and recommendation:**

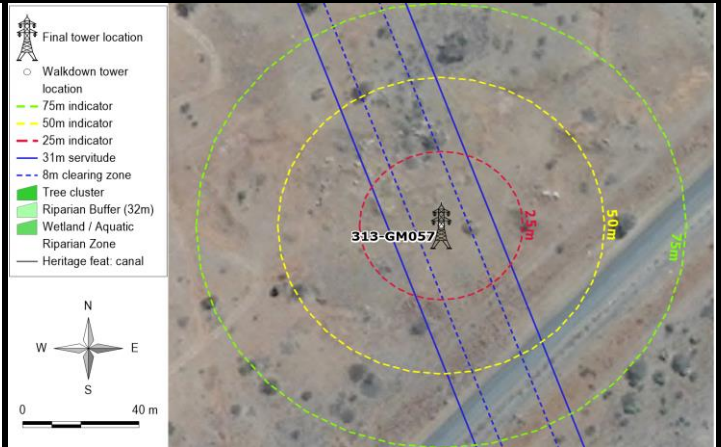
No tower relocation required.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	313-GM057	<b>Proposed Tower Location</b>	23°28'33.185" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'20.299" S
<b>Farm portion:</b>	KURUMAN 690/3	<b>Final Tower Location (DMS):</b>	23°28'33.185" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°24'20.299" S
<b>Tower structure:</b>	D7645N Stayed Strain (0°-5°)		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

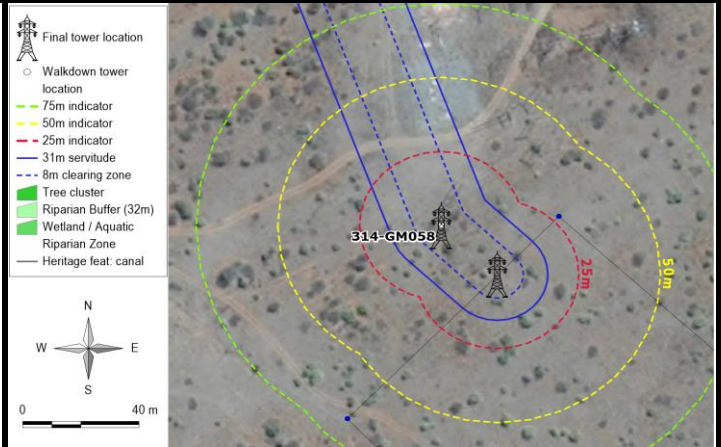
No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

## HOTAZEL TO MOTHIBISTAD 132kV POWER LINE SITE WALK DOWN AND SITE SPECIFIC EMPr

<b>Tower reference:</b>	314-GM058	<b>Proposed Tower Location</b>	23°28'35.609" E
<b>Date of assessment:</b>	21-Apr-2016	<b>(DMS):</b>	27°24'26.231" S
<b>Farm portion:</b>	KURUMAN TOWN	<b>Final Tower Location (DMS):</b>	23°28'35.609" E
<b>Land owner:</b>	Ga-Segonyana Municipality		27°24'26.231" S
<b>Tower structure:</b>	D7618 Stayed 3-Pole Strain (30°-60°)		

### **Aerial overview & tower footprint:**

Open area with grass cover. Area generally transformed.



Tower footprint view 1



Tower footprint view 2

### **Description of biodiversity, aquatic & wetland, heritage sensitivities and technical constraints**

No biodiversity sensitivities with the potential to suffer significant impact as a result of the proposed power line construction were identified within the tower footprint or servitude area. Application for the relevant permits for pruning or removal of protected trees and plant species occurring within the servitude area will be applied for.

No wetlands or aquatic sensitivities were identified at the tower location.

No heritage or archaeological resources or artefacts were identified close or at the proposed tower position.

No technical constraints identified at or close to proposed tower location.

### **Conclusion and recommendation:**

No sensitivities or constraints identified at the tower position. Tower construction recommended at the identified final location.

***ADDENDUM A: GENERAL POWER LINE LAYOUT MAPS***